Film-Tech

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HEYER-SHULTZ METAL REFLECTOR SPECIFICATIONS

FOR USE IN THE FOLLOWING LAMPS	DIAMETER	WORKING DISTANCE	FOCUS		MODEL	
BRENKERT E-100 LO, H & K	10"	25⅝"	3 15/16"		1000	***
STRONG LOW INT. (EARLY) STRONG UTILITY HI, 14000 STRONG UTILITY A. C. 14500 & 14600 STRONG (EARLY MODEL MOGUL), AC & HI SIMPLEX ACME HI. & LO MORELITE SUNLIGHT BALLANTYNE ARCMASTER PEERLESS A. C.	10¼"	25⅜"	3 15/16"		1025	***
STRONG TROUPER SPOTLIGHT	10¼"	24"	3¼"		1025 T	
SIMPLEX HIGH, 19000 STRONG UTILITY 14045 & 14050 & VICTORY 22000 MOTIOGRAPH 19750	11⅜"	28"—30"	4 3/32"—4 1/16"	*	1137 A	
STRONG UTILITY 14046 & 14100 MOTIOGRAPH 19746	11⅜"	24"	4"		1137 B	***
BRENKERT SENARC BRENKERT RADARC } R 509 M BALLANTYNE ARCMASTER	12¼	28"—30"	4 3/16—3⅞+	*	1200	***
STANDARD ENARC N 500 M	13½"	32"—33½	5⅛"—5 1/16"	*	1350 A	
DRIVE IN ENARC N 500 AM	13½"	31½	5 3/16"		1350 B	
HI-ENARC N 500 BM	13½"	29½	5½"		1350 C	
PEERLESS MAGNARC MORELITE MONARC STRONG MOGUL, 17000, 17B, 17500 & 17570 FOREST UNIVERSAL ASHCRAFT MODEL E & D ASHCRAFT C 70 BALLANTYNE LIGHTMASTER	14"	32"—34½	5⅛"—5"+	**	1400 A	
SAME LAMPS AS LISTED FOR MODEL 1400 A	14"	32"—34½"	5 3/16"+—5 3/16"+	**	1434	
ASHCRAFT HYDRO-ARC RCA HY-ARC	15"	35½"	6 1/16"		1500	***
MOTIOGRAPH HI-POWER	15½"	34½"	6½"+		1550	***
ASHCRAFT SUPER-HIGH & SUPER-POWER RCA BRITE-ARC	16"	34¾"	6½"		1600	
FOREST ELECTRONIC TYPE H	16"	33¾"	6 9/16"		1600 F	***
STRONG MIGHTY "90", NO. 9000 & SUPER "135" NATIONAL "EXCELITE" 135	16½"	35"	6 7/16"		1650	
STRONG SUPER "135" NATIONAL EXCELITE "135"	18"	35"	6 3/16"		1800	
RCA DYN-ARC ASHCRAFT CINEX	18"	34¾"	6½"		1800-ASC	

NOTE: The focus measurements listed above are accurate and may be used for the initial lamp adjustment when installing new reflectors. However, the final focusing adjustments should be made visually on a white screen with the arc burning and the projector running. When this is accomplished reset or remark the arc indicator card. Optical alignment by the H-S Film Track Pin Hole Plate method should be done last.

* For maximum light use the shorter working distance. Visual checking of screen light distribution should be done with a picture running, as well as on a white screen. Additional screen light at the expense of distribution is well worth considering.

** For lamps taking 14" reflectors select the proper model to suit your working distance and carbon trim, as follows:

32" to 33" WORKING DISTANCE WITH 7mm POSITIVE CARBON, USE MODEL 1400-A

32" to 33" WORKING DISTANCE WITH 8mm & 9mm POSITIVE CARBON, USE MODEL 1434

34" to 35" WORKING DISTANCE WITH 7mm, 8mm & 9mm POSITIVE CARBON, USE MODEL 1434

Under normal conditions model 1434 gives 7% more delivered screen light than model 1400-A.

Additional screen light may be had by moving the lamps forward, provided yours are designed so that the cones can be taken off. This reduces the working distance, and after re-focusing the arc for maximum screen illumination you will have cut down on the aperture spot size which will then pass more light through the aperture to the screen. You will lose a little distribution but if you need light you will find this the most practical way to adapt an old style lamp to present day screen illumination requirements, especially if you have converted to 9mm positives in a lamp that was originally designed for 7mm or 8mm positives.

*** This is not a stock item. Orders accepted only on a "WILL ADVISE WHEN AVAILABLE" basis.

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